

SEQUENCE LISTING



<110> Whitcombe, David
Theaker, Jane
Gibson, Neil
Little, Stephen

<120> Methods and Primers for Detecting Target Nucleic Acid Sequences

<130> 1991-211

<140> US 09/974,870

<141> 2001-10-12

<150> US 09/200,232

<151> 1998-11-25

<150> UK 9812768.1

<151> 1998-06-13

<160> 9

<170> PatentIn version 3.0

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> ()..()

<223> B2098-BRCA Scorpion Primer

<220>

<221> stem_loop

<222> (1)..(29)

<220>

<221> misc_feature

<222> (30)..(30)

<223> n = deoxyribouridine w/ fluorophore and replication blocker

<400> 1

cgcacgatgt agcacatcag aagcgtgcgn

30

<210> 2

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature
<222> ()..()
<223> R186-98, untailed equivalent of B2098 primer

<400> 2
ttggagattt tgtcacttcc actctcaaa

29

<210> 3
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> Z3702, probe segment of B2098 primer

<220>
<221> stem_loop
<222> (1)..(29)

<220>
<221> misc_feature
<222> (1)..(1)
<223> fluorescein dye

<220>
<221> misc_feature
<222> (30)..(30)
<223> n = deoxyribouridine w/ fluorophore and replication blocker

<400> 3
cgcacgatgt agcacatcag aagcgtgcgn

30

<210> 4
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> B2731 Scorpion primer

<220>
<221> misc_feature
<222> (1)..()
<223> fluorescein dye

<220>
<221> misc_feature
<222> (18)..(18)
<223> n = deoxyuridine w/ fluorophore and replication blocker

<400> 4
aggtagtgc gagagtgn

18

<210> 5
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> B2731 Scorpion primer

<400> 5
gagcctcaac atcctgctcc cctcctacta c

31

<210> 6
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> B4249 Scorpion primer

<220>
<221> misc_feature
<222> (1)..(1)
<223> fluorescein dye

<220>
<221> misc_feature
<222> (17)..(17)
<223> attached replication blocking hexethylene glycol monomer

<400> 6
aggtagtgc gagagtg

17

<210> 7

<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> Quencher oligonucleotide

<220>
<221> misc_feature
<222> (19)..(19)
<223> n = deoxyribouridine with attached non-fluorogenic fluorophore

<400> 7
cactctcctg cactacctn

19

<210> 8
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> ARMS primer R284-97

<400> 8
ttcggggctc cacacggcga ctctcaac

28

<210> 9
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> ()..()
<223> ARMS primer R283-97

<400> 9
ttcggggctc cacacggcga ctctcaag

28